



OCT 31 2005

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TRANSMITTAL FORM

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Total Number of Pages in This Submission

10

Application Number	10/531,817
Filing Date	April 19, 2005
First Named Inventor	Toshiyuki FUKUSHIMA, et al.
Art Unit	2655
Examiner Name	To Be Assigned
Attorney Docket No.	MTS-3550US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none"> > Request for Corrected Filing Receipt > Copy of Filing Receipt > Copy of Preliminary Amendment
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Remarks:

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm Name	RatnerPrestia		
Signature	<i>Daniel N. Calder</i>		
Printed Name	Daniel N. Calder		
Date	October 28, 2005	Reg. No.	27,424

CERTIFICATE OF TRANSMISSION/MAILING

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Toshiyuki FUKUSHIMA, et al.

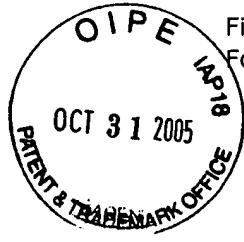
Serial No.: 10/531,817

Group No.: 2655

Filed: April 19, 2005

Examiner: To Be Assigned

For: RECORDING AND REPLAYING APPARATUS, RECORDING AND REPLAYING METHOD, RECORDING AND REPLAYING SYSTEM, PROGRAM, AND RECORDING MEDIUM (AS AMENDED)



**Filing Receipt Corrections
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<i>Error in</i>	<i>Correct data</i>
1. <input type="checkbox"/> Applicant's name	1.
2. <input type="checkbox"/> Applicant's address	2.
3. <input checked="" type="checkbox"/> Title	3. RECORDING AND REPLAYING APPARATUS, RECORDING AND REPLAYING METHOD, RECORDING AND REPLAYING SYSTEM, PROGRAM, AND RECORDING MEDIUM (as written in the Preliminary Amendment filed on 04/19/05)
4. <input type="checkbox"/> Filing Date	4.
5. <input type="checkbox"/> Serial Number	5.
6. <input type="checkbox"/> Foreign/PCT Application Reference	6.
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Respectfully submitted,

Daniel N. Calder, Reg. 27,424

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Date: October 28, 2005



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APPL NO.	FILING OR 371 (C) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/531,817	04/19/2005	2655	900	MTS-3550US	14	16	3

23122
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VALLEY FORGE, PA 19482-0980

RECEIVED
OCT 18 2005
RatnerPrestia

CONFIRMATION NO. 3849
FILING RECEIPT

OC000000017036132

Date Mailed: 10/11/2005

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Applicant(s)

Toshiyuki Fukushima, Osaka, JAPAN;
Hiroshi Sugimoto, Osaka, JAPAN;
Shinji Sasaki, Osaka, JAPAN;

Power of Attorney: The patent practitioners associated with Customer Number 23122.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/08000 06/02/2004

Foreign Applications

JAPAN 2003-158590 06/03/2003

Projected Publication Date: To Be Determined - pending completion of Security Review

Non-Publication Request: No

Early Publication Request: No

Title

Recording/reproduction device, recording /reproduction method, recording/reproduction system, program thereof, and recording medium

Recording and Replaying Apparatus, Recording and Replaying Method, Recording and Replaying System, Program, and Recording Medium



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MTS-3550US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: To Be Assigned
Applicant: Toshiyuki Fukushima, et al.
Filed: Herewith
Title: RECORDING AND REPLAYING APPARATUS, RECORDING AND REPLAYING METHOD, RECORDING AND REPLAYING SYSTEM, PROGRAM, AND RECORDING MEDIUM
TC/A.U.: To Be Assigned
Examiner: To Be Assigned
Confirmation No.: To Be Assigned
Docket No.: MTS-3550US

PRELIMINARY AMENDMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Prior to examination, please amend the above-identified application as follows:

- Amendments to the Specification** begin on page 2 of this paper.
- Amendments to the Claims** are reflected in the listing of claims which begins on page _____ of this paper.
- Amendments to the Drawings** begin on page 4 of this paper and include attached replacement sheets.
- Amendments to the Abstract** are on page 5 of this paper. A clean version of the Abstract is on page 7 of this paper.
- Remarks/Arguments** begin on page _____ of this paper.

Amendments to the Specification:

Please correct the title to read:

RECORDING AND REPLAYING APPARATUS, RECORDING AND REPLAYING METHOD,
RECORDING AND ~~EPLAYING~~-REPLAYING SYSTEM, PROGRAM, AND RECORDING MEDIUM

After the title and before the first paragraph, please insert the following paragraph:

THIS APPLICATION IS A U.S. NATIONAL PHASE APPLICATION OF PCT INTERNATIONAL
APPLICATION PCT/JP2004/008000.

Please replace line 22, at page 13, with the following rewritten line:

111 start-up control part~~controller~~

Please replace the paragraph, beginning at page 19, line 4, with the following rewritten paragraph:

Based on thus acquired disk identification information, the drive controller 123 searches the disk information list 200 (Step 301). When it is found as a result that the ID contained in the acquired disk identification information (information unique to the disk) is present within the ID list 212 (i.e., Yes at Step 302), the drive controller 123 transmits the recording and replaying conditions 222 described in the ID list 212 to the optical disk drive 110, and the optical disk drive 110 sets thus received recording and replaying conditions 222 in the recording and replaying condition storage buffer 112 (Step 304, Step 3001). As the setting of the conditions in the optical disk drive 110 completes (Step 309), the drive controller 123 instructs the recording and replaying condition adjuster 113 of the optical disk drive 110 and so that the optical disk drive 110 will perform adjustment processing (which will be hereinafter referred to as "partial adjustment 1" which is one example of first partial adjustment processing according to the present invention) using thus set received recording and replaying conditions 222 as reference parameters (Step 305). Instructed by the optical disk drive 110, the recording and replaying condition adjuster 113 executes the partial adjustment 1.

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Please replace the paragraph, beginning at page 23, line 6, with the following rewritten paragraph:

When the optical disk drive 110 receives an instruction from the optical disk recorder 100 for acquisition of the disk identification information (Step 297), the start-up control partcontroller 111 identifies the optical disk 120 (Step 400) and sends thus acquired disk identification information to the optical disk recorder 100 (Step 300).

Please delete line 10, at page 41, as follows:

AVAILABILITY IN THE INDUSTRY

MTS-3550US

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Amendments to the Drawings:

The attached sheets of drawings include changes to Figures 3/14 and 14/14. These sheets replace the original sheets.

COPY

Amendment to the Abstract:

The Abstract has been amended. A revised Abstract is attached.

ABSTRACT OF THE DISCLOSURE

~~The standby time until recording and replaying on a loaded optical disk is shortened.~~

An A recording and replaying apparatus comprises ~~includes~~ a drive controller 123 which is connected to an optical disk drive 110 and a disk information storage buffer 102 which stores use conditions for an optical disk 120, and when. When use conditions which correspond~~corresponding~~ to identification information of the optical disk 120 to use are stored in the disk information storage buffer, the drive controller 123 instructs the optical disk drive 110 to execute first adjustment processing, whereas. Whereas when use conditions which correspond~~corresponding~~ to the identification information of the optical disk 120 to use are not stored in the disk information storage buffer, the drive controller 123 instructs the optical disk drive 110 to execute second adjustment processing.

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Remarks/Arguments:

Applicants have amended Figures 3 and 14 and include replacement pages. Figure 3 has been amended to correct "Laser Pulse Condition" to read as "Laser Pulse Width". And Figure 14 has been amended to include the legend "PRIOR ART".

Respectfully submitted,

Daniel N. Calder

Daniel N. Calder, Reg. No. 27,424
Attorney for Applicants

DNC/dmw

Attachments: Figures 3/14 and 14/14 (2 sheets)
Abstract

Dated: April 19, 2005

P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

The Commissioner for Patents is hereby
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Kathleen L. Coffey

Kathleen Coffey

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ABSTRACT

A recording and replaying apparatus includes a drive controller which is connected to an optical disk drive and a disk information storage buffer which stores use conditions for an optical disk. When use conditions corresponding to identification information of the optical disk are stored in the disk information storage buffer, the drive controller instructs the optical disk drive to execute first adjustment processing. Whereas when use conditions corresponding to the identification information of the optical disk are not stored in the disk information storage buffer, the drive controller instructs the optical disk drive to execute second adjustment processing.